

## Multiflex SLB: flexible and robust, with stainless steel braid

SLB is a very flexible conduit comprising a galvanized steel core with a robust stainless steel braid cover designed to provide mechanical protection in critical applications where cables and wires are regularly exposed to hot metal swarf, sparks and metal chips. This robust, stainless steel braid cover provides a high level of electromagnetic shielding for cables. Typical applications include: the steel, foundry, metalworking and other demanding heavy duty industries.

### Material & Construction:

**Construction:** Galvanised steel core, square-locked with stainless steel (AISI-304) braid.

**Temperature:** -55 °C to +300 °C.

**Colour:** Metal coloured.



### Classification according NEN-EN-IEC 61386:

**Compression resistance:** Class 4, Heavy (1250 N).

**Impact resistance:** Class 4, Heavy (6 J).

**Tensile strength:** Class 4, Heavy (1000 N).

**Protection class:** IP 40.

ANACONDA  
MULTIFLEX



Square locked

CONDUIT  
TYPE  
SLB

| SLB Size (Inch) | Diametre (mm) |         | Bending radius (mm) |         | Standard carton |             | Small carton |             | Reels |             | Weight (Kg/m) |
|-----------------|---------------|---------|---------------------|---------|-----------------|-------------|--------------|-------------|-------|-------------|---------------|
|                 | Inside        | Outside | Static              | Dynamic | Metre           | Article No. | Metre        | Article No. | Metre | Article No. |               |
| 5/16"           | 10,1          | 13,5    | 50                  | 65      | 30              | 107.710.2   | -            | -           | -     | -           | 0,16          |
| 3/8"            | 12,6          | 15,8    | 60                  | 85      | 30              | 107.712.2   | -            | -           | -     | -           | 0,20          |
| 1/2"            | 16,0          | 20,5    | 75                  | 110     | 30              | 107.716.2   | -            | -           | -     | -           | 0,25          |
| 3/4"            | 21,0          | 25,5    | 90                  | 140     | 30              | 107.720.2   | -            | -           | -     | -           | 0,34          |
| 1"              | 26,5          | 32,8    | 120                 | 170     | 30              | 107.726.2   | -            | -           | -     | -           | 0,64          |
| 1.1/4"          | 35,1          | 40,5    | 135                 | 215     | 30              | 107.735.2   | -            | -           | -     | -           | 0,94          |
| 1.1/2"          | 40,3          | 46,5    | 165                 | 250     | 15              | 107.740.2   | -            | -           | -     | -           | 1,22          |
| 2"              | 51,6          | 58,0    | 210                 | 300     | 15              | 107.750.2   | -            | -           | -     | -           | 1,81          |

The fittings for Multiflex SLB are outlined on page 1-20



| Size SLB | Inch | 1/4"    | 5/16"   | 3/8"      | 1/2" | 3/4" | 1"  | 1 1/4" | 1 1/2" | 2"  | 2 1/2" | 3"  | 4"   |
|----------|------|---------|---------|-----------|------|------|-----|--------|--------|-----|--------|-----|------|
| Fittings | ISO  | M12-M16 | M16-M20 | M16-M20   | M20  | M25  | M32 | M40    | M50    | M63 | M75    | M90 | M105 |
|          | PG   | 7       | 9 - 11  | 11 - 13,5 | 16   | 21   | 29  | 36     | 42     | 48  | -      | -   | -    |
|          | NPT  | -       | -       | 1/2"      | 1/2" | 3/4" | 1"  | 1 1/4" | 1 1/2" | 2"  | 2 1/2" | 3"  | 4"   |



## Anaconda nickel plated brass fittings for Multiflex SLB.

To connect the SLB conduit you can use all standard Anaconda compact fittings for Sealtite (see chapter 4 & 6), changing the standard polyamide clamping ring with the metal ring for SLB conduit hereunder illustrated. This clamping ring must be ordered separately with the standard Anaconda fittings.



### Material & Construction:

**Construction:** Nickel plated brass fitting, consisting of 4 parts (counter nut, clamping ring, ferrule and body).

**Material:** Counter nut and body are nickel plated brass. The ferrule is from galvanised steel. O-rings are from NBR (black for ISO metric and blue).

The clamping ring is from galvanised steel for all sizes.

**Temperature:** -55 °C till +260 °C continuous.

**Protection class:** IP 40, (cable-hose fittings are IP 68 on the switchbox).

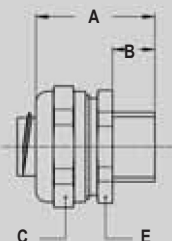
**Colour:** Metal.

### Clamping ring, galvanised steel, for combination with Multiflex type SLB.



| Thread | SLB Size (inch) | Min. Internal Bore (mm) | Fitting thread size |       |            | Standard Package | Article Number | Weight (Kg/100) |
|--------|-----------------|-------------------------|---------------------|-------|------------|------------------|----------------|-----------------|
|        |                 |                         | ISO                 | Pg    | NPT        |                  |                |                 |
| -      | 5/16"           | -                       | M16 x 1,5           | Pg 11 | 1/2" NPT   | 10               | 817.710.0      | 0,6             |
| -      | 3/8"            | -                       | M16 x 1,5           | Pg 11 | 1/2" NPT   | 10               | 817.712.0      | 0,6             |
| -      | 1/2"            | -                       | M20 x 1,5           | Pg 16 | 1/2" NPT   | 10               | 817.716.0      | 0,6             |
| -      | 3/4"            | -                       | M25 x 1,5           | Pg 21 | 3/4" NPT   | 5                | 817.720.0      | 1,0             |
| -      | 1"              | -                       | M32 x 1,5           | Pg 29 | 1" NPT     | 5                | 817.726.0      | 1,2             |
| -      | 1.1/4"          | -                       | M40 x 1,5           | Pg 36 | 1.1/4" NPT | 2                | 817.735.0      | 2,0             |
| -      | 1.1/2"          | -                       | M50 x 1,5           | Pg 42 | 1.1/2" NPT | 2                | 817.740.0      | 4,2             |
| -      | 2"              | -                       | M63 x 1,5           | Pg 48 | 2" NPT     | 2                | 817.750.0      | 9,0             |

### ISO straight compact fitting, male, nickel plated brass (without clampingring)



| Thread    | SLB Size (inch) | Min. Internal Bore (mm) | Dimensions in mm |    |    |   |    | Standard Package | Article Number | Weight (Kg/100) |
|-----------|-----------------|-------------------------|------------------|----|----|---|----|------------------|----------------|-----------------|
|           |                 |                         | A                | B  | C  | D | E  |                  |                |                 |
| M16 x 1,5 | 5/16"           | 8,3                     | 30               | 10 | 26 | - | 24 | 10               | 712.015.0      | 4,4             |
| M20 x 1,5 | 5/16"           | 8,3                     | 30               | 10 | 26 | - | 24 | 10               | 712.014.0      | 4,5             |
| M16 x 1,5 | 3/8"            | 11,0                    | 31               | 10 | 26 | - | 24 | 10               | 712.016.1      | 3,9             |
| M20 x 1,5 | 3/8"            | 11,0                    | 31               | 10 | 26 | - | 24 | 10               | 712.017.1      | 4,0             |
| M20 x 1,5 | 1/2"            | 14,5                    | 32               | 10 | 29 | - | 27 | 10               | 712.020.1      | 4,4             |
| M25 x 1,5 | 3/4"            | 19,4                    | 33               | 10 | 35 | - | 33 | 5                | 712.025.1      | 6,6             |
| M32 x 1,5 | 1"              | 24,7                    | 36               | 12 | 45 | - | 42 | 5                | 712.032.1      | 11,7            |
| M40 x 1,5 | 1.1/4"          | 33,3                    | 40               | 13 | 53 | - | 50 | 2                | 712.040.1      | 16,0            |
| M50 x 1,5 | 1.1/2"          | 38,0                    | 46               | 14 | 62 | - | 58 | 2                | 712.050.1      | 25,3            |
| M63 x 1,5 | 2"              | 49,0                    | 52               | 16 | 76 | - | 72 | 2                | 712.063.1      | 38,6            |

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